Event

MPTS IJET
BI 3102
IFT/OFT

Mission

BASIC INSTRUMENT SIMULATOR

1.5 HOURS/X

ORM

BI 3102

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

BI 3102

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

ADMIN

BI 3102

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **BI 3101**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (1.1 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

SYLLABUS NOTES

BI 3102

A. S-3 PATTERN AND PAR APPROACH WILL NOT BE FLOWN UNTIL BI3103.

B. DURING THIS BLOCK, STUDENTS MUST FLY AT LEAST TWO PAR APPROACHES.

- **ADVISE YOUR IP – HOW MANY/WHAT TYPE OF APPROACHES REMAIN PRIOR TO END OF BLOCK.**

RECOMMENDED FLIGHT CONDUCT

BI 3102

DEPARTURE:

VT-7 UNION 10 *"CARP 1##"* Call Sign
VT-9 DANCY 10 *"SHAD 1##"* Call Sign

MOA:

VT-7 AREA 1 C
VT-9 AREA 4 WILBER

AREA MANEUVERS: (DO THEM ALL TWICE)

ALL MIF ITEMS EXCEPT S-3 & PAR
TURN PATTERN LEVEL SPEED CHANGE

½ SRT SRT S-1
LEVEL SPEED CHANGE IN ½ SRT
SLOW FLIGHT MANEUVER

ARRIVAL:

NO INSTRUMENT APPROACH REQUIREMENTS

SSR/DISCUSS ITEMS

BI 3102

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **DISCUSS ITEMS:**

  - **QOD**

BLOCK MIF

BI 3102

CTS REF	MANEUVER	BI3104
1	General Knowledge/Procedures	4+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	3+
5	Mission Planning/Briefing/Debriefing	4+
6	Communications	3+
7	Ground Operations	3+
10	Takeoff	3+
11	Departure	3+
12 25	Climbs/Descents	3+
12	En route Navigation	3+
12	Intercept/Maintain Course	3+
12	Point-to-Point Navigation	2
12	Arcing	3+
25	Turn Pattern	3+
25	One-Half Standard Rate Turn	3+
25	Standard Rate Turn	3+
25	Level Speed Change	3+
25	Level Speed Change in One-Half SRT	3+
25	Slow Flight Maneuver	3+
25	S-1 Pattern	3+
25	S-3 Pattern	3+
17	PAR Approach	3+
20	Missed Approach	3+

STANDARD DEBRIEFING FORMAT

BI 3102

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED